BR No : 000031/22-23
Date 29/9/2022

SBR No : 000031/22-23 Original/Duplicate/Triplicate
Date 29/9/2022

CONTRACT CERTIFICATE

(For Other Works) Date.....2010

No. 1st & Final bill
Division: **Electricals** Sub-Division: **Electricals**
Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **JOB NO 012-22-000003**
Schedule Docket No. Head of Account : P 0298
D R No

Name of Work :- *Replacemnt of burntout UG cable panel boards and its accessories coming under Dasarahalli Zone ward no 12,13,14,15.*

Name of Contractor and Full Address:-m/s Chethan C (Chethan Enterprises). Date:16/05/2022
Reference to Agreement No:- EE/Ele/DZ/TEND/AG/000010/22-23 Date:30/05/2022
Reference to Work order No:- EE/Ele/DZ/TEND/WO/000022/22-23

Certified that the measurements were taken by me on 27/7/22 and recorded of Pages 45 to 45 of measurement Book No. 6846/2022 and that the work is satisfactorily executed.

For CHETHAN ENTERPRISES
Proprietor
Contractor.

Officer-in-charge of work.
JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Certified that the measurement were taken by me on 27/7/22 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

1) Total value of work done or supplies made as per account within	Less bill	297285=00
2) Deduct amount to be held in reserve being .....percent Rs.	IT	2973=00
3) " Balance	CGST	2654=00
4) Deduct Payment:	SGST	2654=00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	LWC	2973=00
	CBF	297=00
b) Payments Now made: cost store or other material supplied. recovery of amount creditable to this/other work. Amount paid on this bill Cheque / Cash.	deduction	11551=00
5) Balance being unpaid value of work done held in reserve.	cheq amount	285734=00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted		

For CHETHAN ENTERPRISES
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.
Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

For CHETHAN ENTERPRISES
Proprietor

Audited and admitted for Rs. 297285/-
Paid by Cheque for Rs. (For use in the Office) 285734/-
Stamp
Two lakh Eighty five thousand Seven hundred thirty four only
by adjustment Rs. 11551/-

Accounts Superintendent
Executive Engineer
Exe. Engineer (Ele)
B.B.M.P. Dasarahalli Division

Dasarahalli Zone, Bangalore

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Description of Item	Unit	Previous Measurement			Present Measurement			Total Upto Date		Remarks
		Qty	Cost		Qty	Rate	Amount	Qty	Cost	
Name Of Work :- Replacement of burntout UG cable panel boards and its accessories coming under Dasarahalli Zone ward no 12 13 14 15										
Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation and compartment comprising of anti glare clear diffuser with injection moulded polycarbonate material delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70% maximum light intensity should be between 60 degrees to 70 degrees CCT > 5000k IP 65 optical and electrical compartment & impact resistance of complete luminaire > IK08 Power Factor 0.9 with mains Surge Protection Min 5KV along with Over voltage/Overload short circuit/ miss wiring protection Compatible for pole mouting with outer dia of 40mm to 50mm Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application Compliance to IS 10322/IEC 60598 LM 79 & LM 80 adherence with RoHS UL approved MCPCB Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools LED Light fixture with W System Power consumption LED Efficiency>130lm/w nominal CRI >75 Luminaire manufacturer should have in house facility accredited by NABL/CPRI & any Government certified Quality & Design & Development facility certified by ISO 9001 2008 Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer&Cree/Nichia/Lumileds/Osram make LED Source LED Streetlight 25watts	Nos				60	1380 00	82800 00	60 00	82800 00	
Supplying of 1 1 KV LT UG cable XLPE or Heat resistant PVC insulated PVC extruded Inner sheath armoured UG LT cable as per IS 1554 (Part-1) or IS-7098 Part-1 Armouring strip thickness in average 5% loss less Short 14 Ohms/Kms /Max as per IS-3975 4 core 16 sqmm	Mtrs				498	112 50	56025 00	498 00	56025 00	
Digging of trench of 0 6 m deep x 0 50 mtr wide refilling the trench to the required ground level and consolidating etc complete (As perCivil SR KSRB I-2 P-7) a) In soil (ordinary)	Mtrs				477	57 00	27189 00	477 00	27189 00	
Extra charges for laying of 1 1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall surface as required In existing trench/duct 6 sqmm to 16 sqmm	Mtrs				498	8 91	4437 18	498 00	4437 18	
Wiring for lighting power circuit using one of FRLS PVC insulated 1100V grade multistrand copper wire of low conductor resistance single core in open or concealed system of wiring with specified IS-694 conforming to latest Fire hazards Materials b)1 5 sqmm	Mtrs				129	15 38	1984 02	129 00	1984 02	
Sqmm	Mtrs				27	52 50	1417 50	27 00	1417 50	
Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts nuts washers and wiring etc complete with AC-3 Rating and as per IS-13947 d) 60-63Amps	Nos				9	3150 00	28350 00	9 00	28350 00	
Supply and fixing miniature circuit breakers on existing MCB distribution boards usingnecessary wiring materials and C Type curve indicator ON/OFF energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6-32 Amps DP	Nos				9	681 75	6135 75	9 00	6135 75	
Supplying and fixing angle iron frame work fabricated out of M S angle iron And M S flat with bolts washers etc and painted with 2 coats of red oxide and then two coats of approved paint 40X40X6mm	Mtrs				24	191 25	4590 00	24 00	4590 00	
Fabricating supplying and mounting MS box made out SWG suitable for floor/wall mounting fully weather proof with provision for better heat dissipation provided with hinged front cover, equipped with dimple proof locking arrangements with suitable size cdiamps with mecessary cable entry pipe with gland and box should be finished with 2 cdoats of red oxide primer paint and finally finished with Powder colour enameled metal pain etc complete b)16 swg	Sqcm				98500	0 26	25610 00	98500 00	25610 00	
Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary bolts nuts and washers 63Amps	Nos				17	170 25	2894 25	17 00	2894 25	
Supplying and Fixing Microprocessor Based Astronomical timer Switch with using necessary bolts nuts and washers	Nos				8	3000 00	24000 00	8 00	24000 00	
Total Rs							265432.70		265432 70	
Add Gst 12%							31851 92		31851 924	
Total Rs							297284.62		297284 62	

Certificate:-

Certify that the work has been carried out satisfactorily

JUNIOR ENGINEER (E&M)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone Bangalore

ASST EXECUTIVE ENGINEER (E&M)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone Bangalore

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